Incremental sampling Goal
- Define the average concentration over a defined area/volume known as the decision unit

Stratify the Site into Decision Units
- Defined based on the conceptual site model
- As homogenous as possible
- Are considered one exposure unit

3 or more independent replicates allows calculation of the UCL on the mean

Composite Searching:
Sampling Unit composites—no replicates

Homes:
- We have defined our decision unit
- We are collecting increments within each unit and compositing them for one sample
- Data is an average over the decision unit
- Goal: is the result (which is the average) above or below a criteria
- Dilution is not a concern for averaging exposure
- Dilution is a concern if the goal was to find contamination above some specified threshold